

Emily J. Branstetter

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OBJECTIVE	To gain a chemical or industrial engineering internship beginning summer 2016		
EDUCATION	Bachelor of Science in Chemical Engineering		
	The Pennsylvania State University, University Park, PA Anticipated Graduation: May 2019		GPA: 2.89
	International Baccalaureate Advanced Studies Diploma		
	Mountain View High School, Stafford, VA Graduated June 2015		GPA: 4.09
EMPLOYMENT	<u>Science and Engineering Apprenticeship Intern</u>		<u>Jun 2016 – Aug 2016</u>
	Naval Surface Warfare Center, Dahlgren, VA		
	<ul style="list-style-type: none">Responsible for researching and experimentation with 3D modeled alloys in the department of electrical engineering.		
	<u>Science and Engineering Apprenticeship Intern</u>		<u>Jun 2015 – Aug 2015</u>
	Naval Postgraduate School, Monterey, CA		
	<ul style="list-style-type: none">Responsible for researching, cataloging and performing social network analysis of LiDAR remote sensing technologies within the Department of Physics.Performed social network analysis using Accenture software to reveal a professional and reliable LiDAR network.Queried professional journals and databases to identify examples of LiDAR application for analysis using social network tools.Researched and logged 950 validated entries as part of a 3-person team, which recorded 3600 entries in the first resource of its kind.Completed DoD background check/ security screening and information technology/ network security/ vulnerability training.		
	<u>Individual and Group Lessons Coach</u>		<u>Jan 2016 – Present</u>
	Pegula Ice Arena, University Park, PA		
LEADERSHIP & INVOLVEMENT	<ul style="list-style-type: none">Responsible for 1-15 skaters for 30 minute lessons for boys and girls ages 4-14.Professional Skating Association CRE certification level C for basic skaters.		
	Member, Society of Women Engineers-National and PSU (2015-16)		
	Committee Member, THON, Penn State Engineering House (2015-16)		
	Committee Chair, Winter Chill Committee Blue and White Society (2015-16)		
	Competing Member, Penn State Collegiate Figure Skating Team (2015-16)		
	Participant, Penn State Engineering Orientation Network (2015)		
	President, Health Occupation Students of America, Mountain View High School (2015)		
	Treasurer, National Honor Society, Mountain View High School (2015)		
HONORS	Global Final Competitor, Destination Imagination Technical Challenge (2012-15)		
	Girl Scouts of America Gold Award in STEM (2015)		
	Skating Club of Northern Virginia Academic Scholarship (2015)		
	Armed Forces Communications and Electronics Association-Quantico Scholarship (2015)		
TECHNICAL	Fredericksburg, Virginia Optimist Club Scholarship (2015)		
	USFS Senior Moves in the Field (2015)		
TECHNICAL			
	MS Word, Excel, PPT	SolidWorks	HTML